



AMDG1255

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Parker and Lam

Serial No.: 09/676,623

Filed: February 11, 2002

For: PARTIAL PROGRAMMING OF MULTI LEVEL FLASH

Examiner: Yoha, Connie C.

Art Unit: 2818

AMENDMENT AND RESPONSE TO OFFICE ACTION

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed September 3, 2003,  
for the above captioned patent application, Applicants  
respectfully request entry of the following amendments and  
consideration of the following remarks.

Serial No.: 09/676,623

## AMENDMENTS TO THE SPECIFICATION

Please insert the following new paragraph after the paragraph beginning with "Figure 6 is a block diagram..." on page 13.

-- Pre-charged page buffer registers 624 may be included in the non-volatile memory 620 (e.g., flash). The RAM 615 may be used to provide a page buffer 622 for combining new and previous information that is to be programmed into the flash memory 620. --

#### AMENDMENTS TO THE DRAWINGS

An amended Figure 6 is attached. The amended figure shows added page buffer 622 and pre-charge registers 624. Support for the amendment is discussed in the Remarks section.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

I hereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on the below date of deposit.

Date of Deposit:	12/3/03	Name of Person Making the Deposit:	Jacqu line Coyne	Signature of the Person Making the Deposit:	<i>Jacqu line Coyne</i>
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In re Application of: Allan PARKER and Glen LAM

Serial No.: 10/074,495

Examiner: Yoha, Connie C.

Filed: 2/11/02

Art Unit: 2818

For: PARTIAL PROGRAMMING OF MULTI LEVEL FLASH

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT TRANSMITTAL**

1. Transmitted herewith is an amendment for this application

☒ Transmitted herewith is a response to an office action for the above identified patent application.  
( 12 sheets)

☒ Transmitted herewith are 1 sheets of amended informal drawings.  
Other:

2. Applicant is other than a small entity

**Extension of Term**

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply.

(a) ☐ Applicant petitions for an extension of time under 37 C.F.R. 1.136  
(fees: 37 C.F.R. 1.17(a)-(d) for the total number of months checked below:)

<u>Extension</u>	<u>Fee</u>
<input type="checkbox"/> one month	\$110.00
<input type="checkbox"/> two months	\$420.00
<input type="checkbox"/> three months	\$950.00
<input type="checkbox"/> four months	\$2,010.00

Fee \$ 0.00

If an additional extension of time is required, please consider this a petition therefor.

(b) ☒ Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

**F e Calculation**

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

(f r th r than a small ntly)					
Fee Items	Claims Remaining After Amendment	Highest Number of Claims Previously Paid For	Present Extra Claims	Fee Rate	Total
Total Claims	21	- 25 =	0	x \$18.00	\$0.00
Independent Claims	3	- 5 =	0	x \$84.00	\$0.00
Multiple Dependent Claim Fee (one or more, first added by this amendment)				\$260.00	\$0.00
<b>Total Fees</b>					<b>\$0.00</b>

**PAYMENT OF FEES**


5. The full fee due in connection with this communication is provided as follows:
- ☐ The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No.: 23-0085. A duplicate copy of this authorization is enclosed.
- ☐ A check in the amount of \$ 0.00
- ☒ Charge any fees required or credit any overpayments associated with this filing to Deposit Account No.: 23-0085.

Please direct all correspondence concerning the above-identified application to the following address:

**WAGNER, MURABITO & HAO LLP**  
Two North Market Street, Third Floor  
San Jose, California 95113  
(408) 938-9060

Respectfully submitted,

Date: December 3, 2003

By:   
Mehlin Dean Matthews  
Reg. No. 46,127